

### **Claim Amendments**

Please cancel, without prejudice or disclaimer, claims 15-23 as drawn to a non-elected invention.

Claim 1. (original) An apparatus comprising:

- a) an exothermic hydrogen generator; and
- b) an endothermic hydrogen generator, the endothermic hydrogen generator to absorb heat from the exothermic hydrogen generator.

Claim 2. (original) The apparatus of claim 1, further comprising a fuel cell operably coupled to the endothermic and exothermic hydrogen generators.

Claim 3. (original) The apparatus of claim 2, further comprising a portable electronic device operably coupled to the fuel cell.

Claim 4. (original) The apparatus of claim 1, wherein said exothermic hydrogen generator comprises at least one of a borohydride solution, solid lithium aluminum tetrahydride and a partial oxidation hydrocarbon reformer.

Claim 5. (original) The apparatus of claim 4, wherein said exothermic hydrogen generator comprises a sodium borohydride hydrogen generator.

Claim 6. (original) The apparatus of claim 1, wherein said endothermic hydrogen generator comprises at least one of one or more metal hydrides, one or more metal alloy hydrides, a carbon nanotube system, compressed hydrogen gas, liquid hydrogen and a steam hydrocarbon reformer.

Claim 7. (original) The apparatus of claim 6, wherein said endothermic hydrogen generator comprises one or more metal hydrides.

Claim 8. (original) The apparatus of claim 1, further comprising a control system to regulate the rate of exothermic hydrogen generation.

Claim 9. (original) The apparatus of claim 1, further comprising a control system to regulate the rate of endothermic hydrogen generation.

Claim 10. (original) The apparatus of claim 2, wherein the fuel cell is thermally neutral.

Claim 11. (original) The apparatus of claim 2, wherein the fuel cell is endothermic.

Claim 12. (original) An apparatus comprising:

- a) an exothermic hydrogen generator;
- b) an endothermic hydrogen generator;
- c) a fuel cell operably coupled to the endothermic and exothermic hydrogen generators; and
- d) a portable electronic device operably coupled to the fuel cell.

Claim 13. (original) The apparatus of claim 12, wherein said exothermic hydrogen generator comprises: (i) an aqueous solution of sodium borohydride; and (ii) a catalyst.

Claim 14. (original) The apparatus of claim 12, wherein said endothermic hydrogen generator comprises one or more metal hydrides.

Claims 15-23 (canceled)

Claim 24. (new) The apparatus of claim 2, wherein said exothermic hydrogen generator comprises at least one of a borohydride solution, solid lithium aluminum tetrahydride and a partial oxidation hydrocarbon reformer

Claim 25. (new) The apparatus of claim 2, wherein said exothermic hydrogen generator comprises a sodium borohydride hydrogen generator.

Claim 26. (new) The apparatus of claim 2, wherein said endothermic hydrogen generator comprises at least one of one or more metal hydrides, one or more metal alloy hydrides, a carbon nanotube system, compressed hydrogen gas, liquid hydrogen and a steam hydrocarbon reformer.

Claim 27. (new) The apparatus of claim 26, wherein said endothermic hydrogen generator comprises one or more metal hydrides.

Claim 28. (new) The apparatus of claim 2, further comprising a control system to regulate the rate of exothermic hydrogen generation.

Claim 29. (new) The apparatus of claim 2, further comprising a control system to regulate the rate of endothermic hydrogen generation.